

IFW



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand Confirmation No. 6697
Serial No.: 10/731,868
Filed: December 9, 2003 Customer No.: 28863
Examiner: Unknown
Group Art Unit: 3732 Docket No.: 1023-330US01
Title: IMPLANTATION OF LOW-PROFILE IMPLANTABLE MEDICAL DEVICE

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on October 26, 2004.
By: Shirley A. Betlach
Name: Shirley A. Betlach

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. This statement is being filed, to the best of Applicant's knowledge, before the receipt of a first Office Action on the merits.

Applicant has enclosed a copy of each article cited and each foreign document cited. Copies of the U.S. patents are not enclosed as this requirement has been waived by the U.S. Patent Office.

Respectfully submitted,

Date: 10/26/04

Shumaker & Sieffert, P.A.
8425 Seasons Parkway, Suite 105
St. Paul, Minnesota 55125
Phone: (651) 735-1100
Fax: (651) 735-1102

Jason D. Kelly
By: Jason D. Kelly
Reg. No. 54,213



Form PTO-449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 1023-330US01	Application Number: 10/731,868
	Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand	
	Filing Date: December 9, 2003	Group Art Unit: 3732

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate
	3,522,811	08/04/1970	Schwartz et al.	
	3,724,467	04/03/1973	Avery et al.	
	4,399,819	08/23/1983	Cowdery	
	4,616,655	10/14/1986	Weinberg et al.	
	5,271,397	12/21/1993	Seligman et al.	
	5,477,855	12/26/1995	Schindler et al.	
	5,554,194	09/10/1996	Sanders	
	5,645,586	07/08/1997	Meltzer	
	5,814,095	09/29/1998	Müller et al.	
	5,895,414	04/20/1999	Sanchez-Zambrano	
	5,935,154	08/10/1999	Westlund	
	5,938,689	08/17/1999	Fischell et al.	
	5,941,905	08/24/1999	Single	
	5,941,906	08/24/1999	Barreras, Sr. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
	1 161 579	08/13/1969	Great Britain		
	1 145 735 A2	10/17/2001	EPO		
	1 145 736 A2	10/17/2001	EPO		
	DE 3940632	12/06/1990	Germany		

OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)

	U.S. Patent Application Serial No. 10/731,699, filed December 9, 2003, entitled "Coupling Module of a Modular Implantable Medical Device," Attorney Docket No. 1023-331US01.
	U.S. Patent Application Serial No. 10/730,873, filed December 9, 2003, entitled "Overmold for a Modular Implantable Medical Device," Attorney Docket No. 1023-332US01.
	U.S. Patent Application Serial No. 10/731,881, filed December 9, 2003, entitled "Reducing Relative Intermodule Motion in a Modular Implantable Medical Device," Attorney Docket No. 1023-333US01.

EXAMINER	Date Considered
-----------------	------------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1023-330US01		Application Number: 10/731,868	
		Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand			
		Filing Date: December 9, 2003		Group Art Unit: 3732	
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate	
	5,984,859	11/16/1999	Lesinski		
	5,991,664	11/23/1999	Seligman		
	6,006,124	12/21/1999	Fischell et al.		
	6,016,449	01/18/2000	Fischell et al.		
	6,061,593	05/09/2000	Fischell et al.		
	6,067,474	05/23/2000	Schulman et al.		
	6,128,538	10/03/2000	Fischell et al.		
	6,134,474	10/17/2000	Fischell et al.		
	6,176,879 B1	01/23/2001	Reischl et al.		
	6,230,049 B1	05/08/2001	Fischell et al.		
	6,248,080 B1	06/19/2001	Miesel et al.		
	6,259,951 B1	07/10/2001	Kuzma et al.		
	6,269,266 B1	07/31/2001	Leysieffer		
	6,272,382 B1	08/07/2001	Faltys et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
	WO 92/20402	11/26/1992	PCT		
	WO 00/40295	07/13/2000	PCT		
	WO 01/28622	04/26/2001	PCT		
	WO 01/39830	06/07/2001	PCT		
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
	U.S. Patent Application Serial No. 10/730,878, filed December 9, 2003, entitled "Lead Interconnect Module of a Modular Implantable Medical Device," Attorney Docket No. 1023-334US01.				
	U.S. Patent Application Serial No. 10/730,877, filed December 9, 2003, entitled "Low-Profile Implantable Medical Device," Attorney Docket No. 1023-335US01.				
	U.S. Patent Application Serial No. 10/731,867, filed December 9, 2003, entitled "Concavity of an Implantable Medical Device," Attorney Docket No. 1023-336US01.				
EXAMINER			Date Considered		
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1023-330US01		Application Number: 10/731,868	
		Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand			
		Filing Date: December 9, 2003		Group Art Unit: 3732	
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate	
	6,308,101 B1	10/23/2001	Faltys et al.		
	6,324,428 B1	11/27/2001	Weinberg et al.		
	6,324,433 B1	11/27/2001	Errico		
	2001/0051819	12/13/2001	Fischell et al.		
	2002/0002390	01/03/2002	Fischell et al.		
	2002/0013612	01/31/2002	Whitehurst		
	2002/0019669	02/14/2002	Berrang et al.		
	6,354,299 B1	03/12/2002	Fischell et al.		
	6,358,281 B1	03/19/2002	Berrang et al.		
	6,360,122 B1	03/19/2002	Fischell et al.		
	6,366,813 B1	04/02/2002	DiLorenzo		
	2002/0051550	05/02/2002	Leysieffer		
	2002/0072770	06/13/2002	Pless		
	2002/0077670	06/20/2002	Archer et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
	WO 01/060450	08/23/2001	PCT		
	WO 02/005590	01/17/2002	PCT		
	WO 02/056637	07/18/2002	PCT		
	WO 03/076012	09/18/2003	PCT		
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
	U.S. Patent Application Serial No. 10/731,638, filed December 9, 2003, entitled "Modular Implantable Medical Device," Attorney Docket No. 1023-342US01.				
	U.S. Patent Application Serial No. 10/731,869, filed December 9, 2003, entitled "Modular Implantable Medical Device," Attorney Docket No. 1023-318US01.				
	"Surgical Process," Animation Screenshots from http://www.cochlearamerica.com/800.asp , 7 pgs.				
	"Candidates Brochure," http://www.cochlearamerica.com/pdfs/candidatebrochglobal.pdf , 14 pgs.				
EXAMINER			Date Considered		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1023-330US01		Application Number: 10/731,868	
		Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand			
		Filing Date: December 9, 2003		Group Art Unit: 3732	
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate	
	6,415,184 B1	07/02/2002	Ishikawa et al.		
	2002/0099412	07/25/2002	Fischell et al.		
	6,427,086 B1	07/30/2002	Fischell et al.		
	6,456,886 B1	09/24/2002	Howard, III et al.		
	2002/0161403	10/31/2002	Meadows et al.		
	6,480,743 B1	11/12/2002	Kirkpatrick et al.		
	2002/0169485	11/14/2002	Pless et al.		
	2002/0177882	11/28/2002	DiLorenzo		
	2003/0004428	01/02/2003	Pless et al.		
	2003/0004546	01/02/2003	Casey		
	6,537,200 B2	03/25/2003	Leysieffer et al.		
	6,554,762 B2	04/29/2003	Leysieffer		
	6,560,486 B1	05/06/2003	Osorio et al.		
	2003/0085684	05/08/2003	Tsukamoto et al.		
	6,565,503 B2	05/20/2003	Leysieffer et al.		
	6,575,894 B2	06/10/2003	Leysieffer et al.		
	2003/0109903	06/12/2003	Berrang et al.		
	2003/0171787	09/11/2003	Money et al.		
	6,648,914 B2	11/18/2003	Berrang et al.		
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
	"Research and Development," http://www.cochlearamericas.com/384.asp , 1 pg.				
	"The World Leader in cochlear implants – revolutionizing hearing for adults and infants," http://www.cochlear.com , 1 pg.				
	"Cochlear: innovator of the Nucleus 3 cochlear implant system," http://www.cochlearamericas.com , 1 pg.				
EXAMINER			Date Considered		

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 1023-330US01		Application Number: 10/731,868	
		Applicant: Ruchika Singhal; Robert M. Skime; Carl D. Wahlstrand			
		Filing Date: December 9, 2003		Group Art Unit: 3732	
U.S. PATENT DOCUMENTS					
Examiner Initial	Document Number	Issue/Document Publication Date	Name	Filing Date If Appropriate	
FOREIGN PATENT DOCUMENTS					
Examiner Initial	Document Number	Publication Date	Country	Translation	
				Yes	No
OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)					
	"What is a Cochlear Implant," http://www.cochlearamericas.com/What/161.asp , 1 pg.				
	"ESPril 3G Speech Processor," http://www.cochlearamericas.com/591.asp , 2 pgs.				
	"Nucleus 3 System," http://www.cochlearamericas.com/Products/465.asp , 1 pg.				
	"Internal Components: Nucleus 24 Cochlear Implants," http://www.cochlearamericas.com/374.asp , 1 pg.				
	"Nucleus 24 Contour," http://www.cochlearamericas.com/568.asp , 2 pgs.				
	"Nucleus 24 M," http://www.cochlearamericas.com/372.asp , 1 pg.				
	"Nucleus 24 K," http://www.cochlearamericas.com/371.asp , 1 pg.				
	"Nucleus 24 Double Array," http://www.cochlearamericas.com/370.asp , 1 pg.				
	"Nucleus 24 ABI: Auditory Brainstem Implant," http://www.cochlearamericas.com/373.asp , 2 pgs.				
	"Nucleus Speech Processors," http://www.cochlearamericas.com/629.asp , 1 pg.				
	"Sprint: body worn speech processor," http://www.cochlearamericas.com/1010.asp , 1 pg.				
	"Cochlear," http://www.cochlearamericas.com/Recipients/978.asp , 3 pgs.				
EXAMINER			Date Considered		
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					